



US009408822B2

(12) **United States Patent**
Elsohly et al.

(10) **Patent No.:** **US 9,408,822 B2**
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **COMPOSITIONS FOR
PREVENTION/PROPHYLACTIC
TREATMENT OF POISON IVY DERMATITIS**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/675,773**

(22) Filed: **Apr. 1, 2015**

(65) **Prior Publication Data**

US 2015/0202176 A1 Jul. 23, 2015

Related U.S. Application Data

(62) Division of application No. 13/860,861, filed on Apr.
11, 2013, now Pat. No. 9,029,417, which is a division
of application No. 12/936,204, filed as application No.
PCT/US2009/039472 on Apr. 3, 2009, now Pat. No.
8,486,998.

(60) Provisional application No. 61/042,118, filed on Apr.
3, 2008.

(51) **Int. Cl.**

A61K 31/222 (2006.01)

A61K 31/225 (2006.01)

C07C 67/08 (2006.01)

C07C 67/14 (2006.01)

C07C 229/08 (2006.01)

C07C 237/12 (2006.01)

C07D 209/12 (2006.01)

A61K 31/216 (2006.01)

(52) **U.S. Cl.**

CPC **A61K 31/225** (2013.01); **A61K 31/216**
(2013.01); **A61K 31/222** (2013.01); **C07C**
229/08 (2013.01); **C07C 237/12** (2013.01);
C07D 209/12 (2013.01)

(58) **Field of Classification Search**

CPC C07C 67/08; C07C 67/14; A61K 31/216;
A61K 31/222; A61K 31/225

See application file for complete search history.

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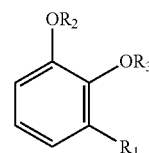
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(57) **ABSTRACT**

The present invention, in one or more embodiments, comprises water-soluble derivatives of 3-n-pentadecylcatechol (poison ivy urushiol saturated congener) and/or 3-n-heptadecylcatechol (poison oak urushiol saturated congener) as compositions for the prevention and/or prophylactic treatment of contact dermatitis caused by poison ivy and poison oak. The present invention is also directed towards processes for making such compounds. Disclosed are compounds which are effective for tolerizing and desensitizing a subject against allergens contained in plants of the Anacardiaceae and Ginkgoaceae families comprising water soluble urushiol esters of general formula (I)



(I)

tolerizing and desensitizing mammals, including humans, to allergens contained in plants of the Anacardiaceae and Ginkgoaceae families is attained by administering a composition containing at least one water soluble urushiol ester compound.

6 Claims, 11 Drawing Sheets